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NATIONAL RESEARCH COUNCIL

MINUTES OF JOINT MEETING OF THE EXECUTIVE BOARD OF THE NATIONAL RESEARCH COUNCIL WITH THE COUNCIL OF THE NATIONAL ACADEMY OF SCIENCES

AT THE NATIONAL RESEARCH COUNCIL BUILDING, JUNE 24, 1919, AT 9.30 A.M.

Present: Messrs. Bancroft, Clevenger, Dunn, Hussey, Leuschner, Mathews, McClung, Merriam, Ransome,* Stratton, Walcott* Washburn, Woodward.

Mr. Walcott in the chair during the transaction of the business of the Council of the Academy.

Mr. Merriam in the chair during the transaction of the business of the National Research Council.

The minutes of the joint meeting of the Executive Board of the National Research Council with the Council of the National Academy of Sciences of May 27 and minutes of the meeting of the Executive Board of the National Reseach Council of June 10 were approved as circulated.

The President of the National Academy of Sciences presented the following resolution which was passed by the Carnegie Corporation of New York on June 3, 1919, making provision to cover expenses of the National Research Council during the coming year:

RESOLVED, That, pursuant to Paragraph 3 of the resolution recording action taken at the special meeting of the Board of Trustees held March 28, 1919, the sum of One Hundred Thousand Dollars ($100,000) be and it hereby is appropriated to the National Academy of Sciences for the use of the National Research Council for the year beginning July 1, 1919; and that the Treasurer be and he hereby is authorized to make payments as needed to the extent of $100,000 on certificates of the Chairman of the National Academy of Sciences and the Chairman of the National Research Council.

Moved: That the Executive Board of the National Research Council go on record as appreciating the recognition by the Carnegie Corporation of New York of the work which it is accomplishing by appropriating the sum of $100,000 for its use for the year beginning July 1, 1919. (*Adopted.*)

To further the plans for a new building for the National Academy of Sciences and the National Research Council, it was

Moved: That the President of the National Academy of Sciences be authorized to enlarge the functions and personnel of the present Committee on Building Plans so that the Committee shall be constituted hereafter as follows: Messrs. Geo. E. Hale (Chairman), J. R. Angell, Gano Dunn, J. C. Merriam, R. A. Millikan, A. A. Noyes, C. D. Walcott, with Mr. H. S. Pritchett in an advisory capacity. (*Adopted.*)

Messrs. Dunn and Leuschner verbally submitted amendments to the Articles of Organization of the National Research Council providing for the continua-

* Members of the Council of the National Academy of Sciences.

tion of retired Chairmen of the Council as members of the Executive Board and for the appointment of Chairmen of the Divisions of General Relations.

Moved: That Messrs. Dunn and Leuschner be requested to formulate suitable amendments to the Articles of Organization of the National Research Council providing for the continuation of retired Chairmen of the Council as members of the Executive Board, and for the appointment of Chairmen of the Divisions of General Relations. (*Adopted.*)

Mr. Leuschner, Acting Chairman of the Division of Physical Sciences, submitted the following resolution of the American Section of the International Astronomical Union:

RESOLVED, That it be the sense of the American Section of the International Astronomical Union that the Executive Board of the National Research Council be requested to guarantee a sum, not to exceed $1500, to cover the American Share of the Administrative expenses of the International Astronomical Union.

Moved: That the Executive Board of the National Research Council underwrite the share of the United States of the administrative expenses of the International Research Council and of its affiliated Unions to an amount not to exceed $5000 and that this item be provided for in the provisional budget for 1919–20. (*Adopted.*)

The Chairman of the National Research Council presented the following letter from the Rockefeller Foundation, appropriating the sum of $20,000 to meet the expenses involved in conferences of special sub-committees on research subjects of the Division of Physical Sciences.

THE ROCKEFELLER FOUNDATION

June 20, 1919.

My Dear Mr. Merriam:

I have the honor to inform you that at a meeting of the Executive Committee of the Rockefeller Foundation held June 16, 1919, the following resolution was adopted:

RESOLVED: That the sum of Twenty thousand dollars ($20,000) be, and it is hereby, appropriated to the National Research Council for the Division of Physical Sciences, of which so much as may be necessary shall be used to defray the necessary travelling and other expenses involved in conferences of the sub-committees of that division during the year 1919.

Very truly yours,

EDWIN R. EMBREE, *Secretary.*

Moved: That the Chairman of the National Research Council express in behalf of the Executive Board its appreciation of the interest which the Rockefeller Foundation has shown in the research work of the Division of Physical Sciences by appropriating the sum of $20,000 to meet the expenses involved in conferences of special sub-committees on research subjects of that Division. (*Adopted.*)

The Chairman of the National Research Council announced the following Committee on Publication of 'The Inquiry' Results; authorized June 10, 1919; Messrs. C. D. Walcott (Chairman), James R. Angell, E. B. Mathews.

The Chairman raised the question of continuing the status and titles of the scientific attachés at the American embassies in Europe from July 1 to September 30, 1919.

Moved: That the necessary steps be taken by the President of the National Academy of Sciences to continue the status and titles of the scientific attaches at the American embassies in Europe from July 1 to September 30, 1919. (*Adopted.*)

In accordance with the resolution adopted at the meeting of the Interim Committee of March 25, 1919, providing that a committee on Scientific Men as Reserve Officers in the Reorganized Army be appointed by the Chairman to formulate plans for advising the Army and Navy in the reorganization of their research activities at the close of the war, Mr. Walcott presented the following resolution in behalf of the Committee (Messrs. Walcott, Chairman, Mathews, Leuschner):

WHEREAS, the present war has shown the necessity for scientific experts trained in lines not essentially military, and that in times of peace many serviceable men occupy civil positions from which they cannot be drawn by the ordinary attractions of military service, and

WHEREAS, the development of a corps of scientific experts for military purposes in times of emergency involves great loss of time in finding and organizing suitably trained experts to apply their expert knowledge to military problems

The National Research Council respectfully suggests and recommends that in the reorganization of the Army and Navy suitable provision be made for a number of reserve officers who may become, during time of peace, familiar with the military applications of their special knowledge and in case of war serve as a nucleus for temporarily enlarged forces in their special lines. Such reserve officers should be primarily scientific experts in physics, chemistry, geography, biology, geology, psychology, mathematics, astronomy, engineering, medicine, and such other sciences as may be appropriated.

They should be relieved, if necessary, from the requiremet of previous military training, and from annual active military service, and be required to give the equivalent time to the investigation in their special fields of problems of military application.

In order that no hardship may be imposed upon regular officers through service under the direction of specialists with lower military rank such reserve officers should have a rating comparable to their work.

Moved: That the foregoing resolution presented by the Committee on Scientific Men as Reserve Officers in the Reorganized Army, be approved. (*Adopted.*)

On recommendation of the Chairman, it was

Moved: That a committee be appointed for the consideration of all requests for the financial support of the objects of the National Research Council and for the unification of plans for securing financial support, with power until the next meeting of the Executive Board. (*Adopted.*)

Appointed: Messrs. J. R. Angell (Chairman), John C. Carty, Gano Dunn, Geo. F. Hale, H. E. Howe, Vernon Kellogg, and J. C. Merriam.

Moved: That the President of the National Academy of Sciences request the Department of State to detail some official already in Europe to attend the meetings at Brussels and assist the delegates to the International Research Council with advice on diplomatic matters. (*Adopted.*)

On recommendation of the Committee on Delegates, Messrs. Walcott, Leuschner, Yerkes, to the international conferences to be held at Brussels July, 1919, it was

Moved: That the following be approved as possible delegates to the meetings of the International Research Council at Brussels July 1919; Major J. L. Coolidge, nominated by the American Mathematical Society, and Dr. C. L. Gibson, nominated by the Division of Medical Sciences. (*Adopted.*)

Mr. Leuschner, Acting Chairman of the Division of Physical Sciences, presented a request from the American Section of the International Geophysical Union that surveys of international geophysical organizations prepared by members of the Section for the use of its delegates at Brussels July, 1919, be printed in connection with similar surveys to be prepared by the various divisions.

Moved: That the Executive Board initiate a survey of the past history, present status, and future work of international organizations in science along the lines followed in the statements prepared for the benefit of the International Geophysical Union. (*Adopted.*)

Moved: That Railroad and Pullman fare of members attending the preliminary organization meeting of the Division of Educational Relations on June 25, and such other expenses pertaining thereto as the Chairman of the Council may direct, be paid from the General Maintenance Fund of the Executive Board. (*Adopted.*)

The work of the Committee on Reconstruction Problems was discussed, and it was

Moved: That the question of publication of reports of the Committee on Reconstruction Problems as a whole or of its members be referred to Mr. Vernon Kellogg, Chairman of the Committee, with power. (*Adopted.*)

The Chairman announced that Mr. A. L. Barrows, Secretary of the Division of States Relations and of Educational Relations, would arrive on June 27. After discussion of the future work of these Divisions it was

Moved: That Mr. J. C. Merriam be appointed non-resident Chairman of the Division of States Relations, without salary. (*Adopted.*)

With reference to the situation created by the resignation of Messrs. Hale and Johnston as chairman and secretary, respectively, of the Council, it was

Moved: That by unanimous consent the Executive Board of the National Research Council recognize that Mr. J. C. Merriam, elected Acting Chairman on February 11, 1919, became Chairman on April 30, 1919, on the acceptance of the resignation of Mr. Geo. E. Hale. (*Adopted.*)

Moved: That by unanimous consent the Executive Board of the National Research Council recognize that Mr. A. O. Leuschner, elected Acting Secretary on April 1, 1919, became Secretary on April 16, 1919, on the acceptance of the resignation of Mr. John Johnston. (*Adopted.*)

In behalf of the Committee on Apportionment of Space, Mr. Mathews, Chairman, presented a plan for the allotment of space in the new quarters of the Council at 1201 Sixteenth Street, to the Divisions of the Council. The report was approved as presented.

On recommendation of Mr. Dunn it was

Moved: That Mr. Mathews be added to the Committee on Removal of Offices of the National Research Council. (*Adopted.*)

The Secretary submitted a provisional budget for the National Research Council for 1919–20 based on the available funds for general maintenance and prepared by the Committee on Budget with the assistance of the Committee on Organization of Administration. The budget is to be supplemented later with estimated expenditures from funds available for special purposes. In the provisional budget is included the complete salary list of officers and employees of the Council and all appropriations to the Executive Board and to the various Divisions, of funds for general maintenance, including traveling expenses, which are subject to the rules of the Council.

Moved: That the general principles adopted in preparing the provisional budget for 1919–20, including the provisional salary list and apportionment of funds be approved with the specification that the budget is to be interpreted as operative for the first half year, from July 1, 1919, to December 31, 1919, and that the Interim Committee have power to make such changes and reductions as may be deemed advisable. (*Adopted.*)

On recommendation of the Secretary, it was

Moved: That the losses on Government funds incurred by foreign exchange be made good from and be charged to the Maintenance Fund of the Executive Board. (*Adopted.*)

Mr. Leuschner, Acting Chairman of the Division of Physical Sciences presented the following resolution of the American Section of the International Astronomical Union:

That the Executive Board of the National Research Council be requested to secure funds for the preparation of a history and bibliography of comets and asteroids, with the understanding that this work will be undertaken in the United States.

Moved: That the securing of the necessary funds for the preparation of a history and bibliography of comets and asteroids be referred to the Committee on Funds for Research Activities. (*Adopted.*)

On recommendation of the Chairman of the Division of Biology and Agriculture, it was

Moved: That the sum of $149.80 to cover the expenses of the Committee on Salt Requirements be reappropriated to the Division of Biology and Agriculture from the unappropriated funds of the National Research Council. (*Adopted.*)

On recommendation of the Chairman of the Division of Biology and Agriculture it was

Moved: That Mr. Lafayette B. Mendel be added to the Committee on Food and Nutrition of the Division of Biology and Agriculture. (*Adopted.*)

In behalf of the Committee on Nomination of Members-at-large of the Executive Board, Mr. Dunn presented for election the names of Mr. R. S. Wood-

ward, President of the Carnegie Institution, Mr. Michael I. Pupin, Professor of Electro-Mechanics, Columbia University, Mr. Raymond Pearl, Biologist, Maine Agricultural Experiment Station, Mr. Edward Dean Adams, 71 Broadway, New York City, and Mr. C. P. Townsend, Patent Lawyer, 918 F Street, Washington, D. C.

Moved: That the Secretary of the Council cast the ballot for the election of Messrs. R. S. Woodward, M. I. Pupin, Raymond Pearl, E. D. Adams, and C. P. Townsend as members-at-large of the Executive Board of the National Research Council, and that the President of the National Academy of Sciences be requested to appoint them members of the National Research Council. (*Adopted.*)

Mr. Leuschner, the Secretary, thereupon reported that he had cast the ballot for Messrs. R. S. Woodward, M. I. Pupin, Raymond Pearl, E. D. Adams, and C. P. Townsend as members-at-large of the Executive Board of the National Research Council, and the Chairman declared these nominees so elected.

It was agreed that the regular meeting of the Executive Board in July should be dispensed with.

The Executive Board adjourned at 1.35 p.m.

PAUL BROCKETT, *Assistant Secretary.*

MINUTES OF THE MEETING OF THE INTERIM COMMITTEE

AT THE NATIONAL RESEARCH COUNCIL BUILDING, 1201 SIXTEENTH STREET NORTHWEST, JULY 1, 1919, AT 9.30 A.M.

Present: Messrs. Angell, Bancroft, H. E. Howe, Leuschner, Mathews, Ransome, and by invitation, A. L. Barrows, Executive Secretary of the Divisions of States and of Educational Relations, H. O. Wood, Assistant to the Secretary of the Council, and J. H. J. Yule, Bursar.

Mr. Angell in the chair.

The reading of the minutes of the previous meeting was dispensed with.

At his suggestion the secretary was instructed to address a letter to each Division regarding the allotment of funds for its use for the current fiscal year, with the suggestion that each Division prepare a budget of estimated expenditures, based on its allotment, to cover general maintenance, traveling expenses, and committee expenses, and with the understanding that no expenditures shall be incurred by a Division for any purpose until an estimate shall have been submitted in advance to the Bursar for each proposed expenditure and until the Bursar shall have certified that a sufficient balance is available in the allotment of the Division.

Moved: That during the absence of the Secretary, Mr. H. E. Howe act as Chairman of the Committee on Budget and as Chairman of the Committee on Organization of Administration, of which the Secretary of the Council is Chairman, and that he be authorized to sign bills in behalf of the secretary. (*Adopted.*)